

Course 2

Research and Publication Ethics

Total Marks: 100 (Theory: 70 & IA: 30), Credits: 02

Hours of Instructions in a week: 02

Course Rationale:

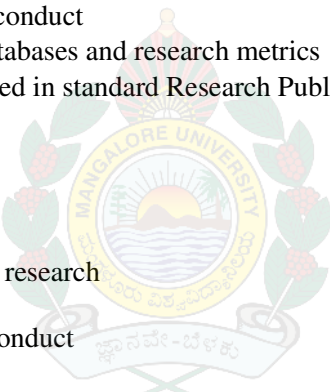
- To equip the Researchers with basic concepts of ethics in research and publication.
- To train the researchers with necessary social work research ethics to carryout research in their respective fields.

Course Specific Outcomes:

1. Understanding the issues involved in ethics of social work research and its implementation in studying issues that are socially relevant
2. Familiarise with the ethics in scientific research
3. To Familiarise with the scientific conduct in research activity
4. Awareness of publication ethics
5. Understand the publication through open access Publication
6. Awareness of publication misconduct
7. Understand the publication databases and research metrics
8. Understand the process involved in standard Research Publication

Course Outcome:

- CO1. Learn Philosophy of Research
CO2. Understand the research ethics
CO3. Understand scientific conduct in research
CO4. Learn publication ethics
CO5. Familiarise with publication misconduct



Detailed Syllabus

Unit 1 PHILOSOPHY AND ETHICS

(3hrs.)

Introduction to philosophy: definition, nature and scope, concept, branches. Ethics: definition, moral philosophy, nature of moral judgment and reactions

Unit 2 SCIENTIFIC CONDUCT

(5hrs.)

1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

Unit 3 **PUBLICATIONS ETHICS** (7hrs.)

1. Publication ethics: definition, introduction and importance
2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publications misconduct: definition, concept, problems that lead to unethical behaviour and vice versa, types.
5. Violation of publication ethics, authorship and contributor-ship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

Unit 4 **OPEN EXCESS PUBLICATION** (4hrs.)

1. Open access publishing and initiatives
2. SHERPA/ RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

Unit 5 **PUBLICATION MISCONDUCT** (4hrs.)

Group discussion

1. Subject specific ethical issues, FFP, authorship
 2. Conflicts of interest
- Complaints and appeals examples and from India and abroad

Software tools

Use of plagiarism software like Turnitin, Urkund and other open source software tools

Unit – 6 **DATABASES AND RESEARCH METRICS** (7hrs.)

A. Databases (4hrs.)

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

B. Research metrics (3hrs)

1. Impact Factor of journal as per Journal Citation Report, SNP, SJR, IPP, Cite Score
2. Metrics: h-index, i10 index, altmetrics.

References:

1. Chaddah P (2018) Ethics in Competitive Research: Do not get pluralized
2. Deakin (2014) Best practice guidelines on publishing ethics: A publisher's perspectives Wiley
3. Kimmel A.J (1998) Ethics and Values in applied social research Sage Publications
4. Mertelen D.M and Ginsberg P.E (2009) The handbook of Social Research Sage
5. Nagel, Ernest. 'The Structure of Science: Problems in the Logic of Scientific Expianation', 1984.
6. Ramchandran, P. 'Issues in Social Work Research in India'. Bombay: Tata Institute of Social Sciences, 1990.
7. Yadav Santhosh Kumar (2000) Research and Publication Ethics Ishwar Books Delhi